

WHAT IS CLAIMED

Sub B

1. A display device comprising an analog gamma correction circuit, wherein a gamma correction circuit for changing gamma correction characteristics whose input-output characteristics are variable is provided in a stage preceding the analog gamma correction circuit, and the input-output characteristics of the gamma correction circuit for changing gamma correction characteristics are changed so that gamma correction characteristics are changed.

2. The display device according to claim 1, wherein the input-output characteristics of the gamma correction circuit for changing gamma correction characteristics are indicated by an exponential equation whose exponent is variable.

3. The display device according to claim 1, wherein the gamma correction circuit for changing gamma correction characteristics is a digital gamma correction circuit.

4. The display device according to claim 2, wherein the gamma correction circuit for changing gamma

DISCLOSURE STATEMENT

correction characteristics is a digital gamma correction circuit.

5. A liquid crystal projector comprising an analog gamma correction circuit, wherein

a gamma correction circuit for changing gamma correction characteristics whose input-output characteristics are variable is provided in a stage preceding the analog gamma correction circuit, and the input-output characteristics of the gamma correction circuit for changing gamma correction characteristics are changed so that gamma correction characteristics are changed.

6. The liquid crystal projector according to claim 5, wherein

the input-output characteristics of the gamma correction circuit for changing gamma correction characteristics are indicated by an exponential equation whose exponent is variable.

7. The liquid crystal projector according to claim 5, wherein

the gamma correction circuit for changing gamma correction characteristics is a digital gamma correction circuit.

8. The liquid crystal projector according to claim 6, wherein

the gamma correction circuit for changing gamma correction characteristics is a digital gamma correction circuit.

9. A display device comprising a digital gamma correction circuit, wherein

a gamma correction circuit for changing gamma correction characteristics whose input-output characteristics are variable is provided in a stage preceding the digital gamma correction circuit, and the input-output characteristics of the gamma correction circuit for changing gamma correction characteristics are changed so that gamma correction characteristics are changed.

10. The display device according to claim 9, wherein

the input-output characteristics of the gamma correction circuit for changing gamma correction characteristics are indicated by an exponential equation whose exponent is variable.

11. The display device according to claim 9, wherein

the gamma correction circuit for changing gamma correction characteristics is a digital gamma correction circuit.

12. The display device according to claim 10,

wherein

the gamma correction circuit for changing gamma correction characteristics is a digital gamma correction circuit.

13. A liquid crystal projector comprising a digital gamma correction circuit, wherein

a gamma correction circuit for changing gamma correction characteristics whose input-output characteristics are variable is provided in a stage preceding the digital gamma correction circuit, and the input-output characteristics of the gamma correction circuit for changing gamma correction characteristics are changed so that gamma correction characteristics are changed.

14. The liquid crystal projector according to
claim 13, wherein

the input-output characteristics of the gamma correction circuit for changing gamma correction characteristics are indicated by an exponential equation whose exponent is variable.

15. The liquid crystal projector according to
claim 13, wherein

the gamma correction circuit for changing gamma correction characteristics is a digital gamma correction circuit.

16. The liquid crystal projector according to
claim 14, wherein

the gamma correction circuit for changing gamma correction characteristics is a digital gamma correction circuit.